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PASSWORD:

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NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY  
NEWS 4 OCT 03 MATHDI removed from STN  
NEWS 5 OCT 04 CA/CAplus-Canadian Intellectual Property Office (CIPO) added to core patent offices  
NEWS 6 OCT 13 New CAS Information Use Policies Effective October 17, 2005  
NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download of CAplus documents for use in third-party analysis and visualization tools  
NEWS 8 OCT 27 Free KWIC format extended in full-text databases  
NEWS 9 OCT 27 DIOGENES content streamlined  
NEWS 10 OCT 27 EPFULL enhanced with additional content  
NEWS 11 NOV 14 CA/CAplus - Expanded coverage of German academic research  
  
NEWS EXPRESS NOVEMBER 18 CURRENT VERSION FOR WINDOWS IS V8.01,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005.  
V8.0 USERS CAN OBTAIN THE UPGRADE TO V8.01 AT  
<http://download.cas.org/express/v8.0-Discover/>

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 10:17:36 ON 23 NOV 2005

=> file medline, uspatfull, dgene, embase, wpids, fsta, biosis  
COST IN U.S. DOLLARS SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 0.42 0.42

FILE 'MEDLINE' ENTERED AT 10:18:40 ON 23 NOV 2005

FILE 'USPATFULL' ENTERED AT 10:18:40 ON 23 NOV 2005  
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FILE 'FSTA' ENTERED AT 10:18:40 ON 23 NOV 2005  
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FILE 'BIOSIS' ENTERED AT 10:18:40 ON 23 NOV 2005  
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=> s triacylglycerol production  
L1 122 TRIACYLGLYCEROL PRODUCTION

=> s l1 and (transgenic organism)  
L2 0 L1 AND (TRANSGENIC ORGANISM)

=> s l1 and (uncommon fatty acid)  
6 FILES SEARCHED...  
L3 0 L1 AND (UNCOMMON FATTY ACID)

=> s l1 and (acyl-CoA-independent reaction)  
L4 34 L1 AND (ACYL-COA-INDEPENDENT REACTION)

=> s l1 and yeast  
L5 17 L1 AND YEAST

=> s l5 and (S. cerevisiae)  
L6 1 L5 AND (S. CEREVISIAE)

=> d 16 ti abs ibib tot

L6 ANSWER 1 OF 1 WPIDS COPYRIGHT 2005 THE THOMSON CORP on STN  
TI Phospholipid diacylglycerol acyltransferase enzymes in the biosynthetic  
pathway for **triacylglycerol production** and DNAs  
encoding them, useful for producing triacylglycerol, or for transforming  
any cell or organism to increase oil content.

AN 2000-665012 [64] WPIDS

AB WO 200060095 A UPAB: 20001219

NOVELTY - An enzyme catalyzing (in an acyl-CoA-independent reaction) the  
transfer of fatty acids from phospholipids to diacylglycerol in the  
biosynthetic pathway for the production of triacylglycerol, is new.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the  
following:

- (1) a nucleotide sequence encoding the enzyme, or a partial  
nucleotide sequence corresponding to the full length nucleotide sequence  
that encodes the enzyme;
- (2) a gene construct comprising the nucleotide sequence operably  
linked to a heterologous nucleic acid;
- (3) a vector comprising the nucleotide sequence or the gene  
construct;
- (4) a transgenic cell or organism containing the nucleotide sequence  
and/or the gene construct and/or the vector;
- (5) a process for producing triacylglycerol comprising growing the  
transgenic cell organism under conditions where the nucleotide sequence is  
expressed; and

(6) triacylglycerol produced by the process of (5).

USE - The enzyme and the nucleotides encoding them are useful for producing triacylglycerol and/or triacylglycerol with uncommon fatty acids. The enzyme and the nucleotide are also useful for transforming any cell or organism in order to be expressed in this cell or organism and result in an altered, preferably increased oil content of this cell or organism.

Dwg. 0/6

ACCESSION NUMBER: 2000-665012 [64] WPIDS  
DOC. NO. CPI: C2000-201465  
TITLE: Phospholipid diacylglycerol acyltransferase enzymes in the biosynthetic pathway for **triacylglycerol production** and DNAs encoding them, useful for producing triacylglycerol, or for transforming any cell or organism to increase oil content.  
DERWENT CLASS: C06 D16 D23 E17  
INVENTOR(S): BANAS, A; DAHLQVIST, A; LEDMAN, M; RONNE, H; STAHL, U; STYMNE, S; LENMAN, M  
PATENT ASSIGNEE(S): (BADI) BASF PLANT SCI GMBH  
COUNTRY COUNT: 91  
PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 2000060095	A2	20001012 (200064)*	EN	97	
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW					
W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
AU 2000038147	A	20001023 (200107)			
NO 2001004716	A	20011128 (200208)			
EP 1165803	A2	20020102 (200209)	EN		
R: AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI					
CZ 2001003529	A3	20020213 (200221)			
BR 2000009510	A	20020423 (200235)			
KR 2001112396	A	20011220 (200239)			
SK 2001001387	A3	20020604 (200247)			
HU 2002000480	A2	20020729 (200258)			
JP 2002541783	W	20021210 (200301)	90		
CN 1362994	A	20020807 (200304)			
NZ 514227	A	20031219 (200404)			
MX 2001009577	A1	20030701 (200420)			
AU 777031	B2	20040930 (200480)			

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000060095	A2	WO 2000-EP2701	20000328
AU 2000038147	A	AU 2000-38147	20000328
NO 2001004716	A	WO 2000-EP2701	20000328
		NO 2001-4716	20010928
EP 1165803	A2	EP 2000-917001	20000328
		WO 2000-EP2701	20000328
CZ 2001003529	A3	WO 2000-EP2701	20000328
		CZ 2001-3529	20000328
BR 2000009510	A	BR 2000-9510	20000328
		WO 2000-EP2701	20000328
KR 2001112396	A	KR 2001-712623	20010929
SK 2001001387	A3	WO 2000-EP2701	20000328
		SK 2001-1387	20000328

HU 2002000480	A2	WO 2000-EP2701	20000328
		HU 2002-480	20000328
JP 2002541783	W	JP 2000-609586	20000328
		WO 2000-EP2701	20000328
CN 1362994	A	CN 2000-805998	20000328
NZ 514227	A	NZ 2000-514227	20000328
		WO 2000-EP2701	20000328
MX 2001009577	A1	WO 2000-EP2701	20000328
		MX 2001-9577	20010924
AU 777031	B2	AU 2000-38147	20000328

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 2000038147	A Based on	WO 2000060095
EP 1165803	A2 Based on	WO 2000060095
CZ 2001003529	A3 Based on	WO 2000060095
BR 2000009510	A Based on	WO 2000060095
SK 2001001387	A3 Based on	WO 2000060095
HU 2002000480	A2 Based on	WO 2000060095
JP 2002541783	W Based on	WO 2000060095
NZ 514227	A Based on	WO 2000060095
MX 2001009577	A1 Based on	WO 2000060095
AU 777031	B2 Previous Publ. Based on	AU 2000038147 WO 2000060095

PRIORITY APPLN. INFO: US 2000-180687P 20000207; EP  
                           1999-106656 19990401; EP  
                           1999-111321 19990610

=> d his

(FILE 'HOME' ENTERED AT 10:17:36 ON 23 NOV 2005)

FILE 'MEDLINE, USPATFULL, DGENE, EMBASE, WPIDS, FSTA, BIOSIS' ENTERED AT  
 10:18:40 ON 23 NOV 2005

L1       122 S TRIACYLGLYCEROL PRODUCTION  
 L2       0 S L1 AND (TRANSGENIC ORGANISM)  
 L3       0 S L1 AND (UNCOMMON FATTY ACID)  
 L4       34 S L1 AND (ACYL-COA-INDEPENDENT REACTION)  
 L5       17 S L1 AND YEAST  
 L6       1 S L5 AND (S. CEREVISIAE)

=> s 14 and diacylglycerol  
 L7       34 L4 AND DIACYLGLYCEROL

=> s 17 and variant  
 L8       0 L7 AND VARIANT

=> e dahlgqvist  
 E1       1 DAHLQUEST/BI  
 E2       438 DAHLQUIST/BI  
 E3       101 --> DAHLQVIST/BI  
 E4       12 DAHLS/BI  
 E5       1 DAHLSCHEN/BI  
 E6       8 DAHLSEID/BI  
 E7       2 DAHLSGAARD/BI  
 E8       2 DAHLSJO/BI  
 E9       1 DAHLSR/BI  
 E10      62 DAHLST/BI  
 E11      15 DAHLSTAR/BI

E12 9 DAHLSTEDT/BI

=> s e2 or e3  
L9 539 DAHLQUIST/BI OR DAHLQVIST/BI

=> s l9 and l7  
L10 0 L9 AND L7

# Refine Search

## Search Results -

Terms	Documents
L3 and diacylglycerol	9

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:** 

## Search History

DATE: Wednesday, November 23, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L4</u>	L3 and diacylglycerol	9	<u>L4</u>
<u>L3</u>	L2 and 11	26	<u>L3</u>
<u>L2</u>	triacylglycerol production	2738471	<u>L2</u>
<u>L1</u>	dahlqvist.in.	83	<u>L1</u>

END OF SEARCH HISTORY

# Refine Search

## Search Results -

Terms	Documents
L2 and L1	26

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:**

 

## Search History

DATE: Wednesday, November 23, 2005 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L3</u>	L2 and 11	26	<u>L3</u>
<u>L2</u>	triacylglycerol production	2738471	<u>L2</u>
<u>L1</u>	dahlqvist.in.	83	<u>L1</u>

END OF SEARCH HISTORY

# Hit List

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## Search Results - Record(s) 1 through 9 of 9 returned.

### 1. Document ID: US 20050170478 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 9

File: PGPB

Aug 4, 2005

PGPUB-DOCUMENT-NUMBER: 20050170478

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050170478 A1

**TITLE:** Expression of phospholipid:diacylglycerine acyltransf erase (pdat) for the production of plant storage lipids with polyunsaturated fatty acids

PUBLICATION-DATE: August 4, 2005

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Stymne, Sten	Svalov		SE
Lenman, Marit	Lund		SE
Stahl, Ulf	Uppsala		SE
Banas, Antoni	Siedlce		PL
Carlsson, Anders	Lund		SE
Wiberg, Eva	Uppsala		SE
<u>Dahlqvist, Anders</u>	Furulund		SE

US-CL-CURRENT: 435/134; 435/193, 800/281

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#) | [Imaged](#)

### 2. Document ID: US 20050005326 A1

L4: Entry 2 of 9

File: PGPB

Jan 6, 2005

PGPUB-DOCUMENT-NUMBER: 20050005326

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050005326 A1

**TITLE:** Use of class enzymes and their encoding genes to increase the oil content in transgenic organisms

PUBLICATION-DATE: January 6, 2005

#### INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Banas, Antoni	Siedlce		PL
Sandager, Line	Copenhagen		DK
Stahl, Ulf	Uppsala		SE
<u>Dahlqvist, Anders</u>	Furulund		SE
Lenman, Marit	Lund		SE
Ronne, Hans	Uppsala		SE

US-CL-CURRENT: 800/281; 435/134, 435/198

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Ima</a>
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 3. Document ID: US 6791008 B1

L4: Entry 3 of 9

File: USPT

Sep 14, 2004

US-PAT-NO: 6791008

DOCUMENT-IDENTIFIER: US 6791008 B1

TITLE: Use of a class of enzymes and their encoding genes to increase the oil content in transgenic organisms

DATE-ISSUED: September 14, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Banas; Antoni	Siedlce			PL
Sandager; Line	Copenhagen			DK
St.ang.hl; Ulf	Uppsala			SE
Dahlgvist; Anders	Furulund			SE
Lenman; Marit	Lund			SE
Ronne; Hans	Uppsala			SE
Stymne; Sten	Svalov			SE

US-CL-CURRENT: 800/281; 435/224, 435/471, 435/483, 536/23.1, 536/23.2, 536/23.7, 800/278,  
800/298, 800/306

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Ima</a>
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 4. Document ID: WO 3100044 A1

L4: Entry 4 of 9

File: EPAB

Dec 4, 2003

PUB-NO: WO003100044A1

DOCUMENT-IDENTIFIER: WO 3100044 A1

TITLE: NEW IMPROVED ACYLTRANSFERASE

PUBN-DATE: December 4, 2003

## INVENTOR-INFORMATION:

NAME	COUNTRY
DAHLQVIST, ANDERS	SE
GHOSAL, ALOKESH	IN
LINDQVIST, YLVA	SE
BANAS, ANTONI	PL

INT-CL (IPC): C12 N 9/10; A61 K 38/45

EUR-CL (EPC): C12N009/10

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw Desc</a>	<a href="#">Ima</a>
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5. Document ID: EP 1099761 A1

L4: Entry 5 of 9

File: EPAB

May 16, 2001

PUB-NO: EP001099761A1

DOCUMENT-IDENTIFIER: EP 1099761 A1

TITLE: Use of a class of enzymes to increase the oil content in transgenic organisms

PUBN-DATE: May 16, 2001

INVENTOR-INFORMATION:

NAME	COUNTRY
BANAS, ANTONI	PL
SANDAGER, LINE	DK
STAHL, ULF	SE
DAHLQVIST, ANDERS	SE
LENMAN, MARIT	SE
RONNE, HANS	SE
STYMNE, STEN	SE

INT-CL (IPC): C12 N 15/54; C12 N 15/82; C12 N 15/81; C12 N 1/18; C12 N 9/10; C11 B 1/00

EUR-CL (EPC): A23D009/00; C11B001/00, C12N009/10, C12N015/82, C12P007/64

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Im3](#)

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6. Document ID: EP 1507854 A1, WO 2003100044 A1, AU 2003232714 A1

L4: Entry 6 of 9

File: DWPI

Feb 23, 2005

DERWENT-ACC-NO: 2004-053268

DERWENT-WEEK: 200515

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TITLE: New nucleotide sequence encoding an improved acyltransferase polypeptide, useful for producing structured lipids or fat-soluble molecules, in removing undesirable fat or in modifying lipids in animal or plant raw material

INVENTOR: BANAS, A; DAHLQVIST, A ; GHOSAL, A ; LINDQVIST, Y

PRIORITY-DATA: 2003SE-0000142 (January 20, 2003), 2002SE-0001581 (May 29, 2002), 2002US-383889P (May 29, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>EP 1507854 A1</u>	February 23, 2005	E	000	C12N009/10
<u>WO 2003100044 A1</u>	December 4, 2003	E	091	C12N009/10
<u>AU 2003232714 A1</u>	December 12, 2003		000	C12N009/10

INT-CL (IPC): A61 K 38/45; C12 N 9/10

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) |  |  | [Claims](#) | [KDDC](#) | [Draw Desc](#) | [Im3](#)

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7. Document ID: US 20050170478 A1, WO 2003083100 A1, AU 2003223975 A1, EP 1492872 A1

L4: Entry 7 of 9

File: DWPI

Aug 4, 2005

DERWENT-ACC-NO: 2003-876985

DERWENT-WEEK: 200552

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TITLE: Production of plant storage lipids containing polyunsaturated fatty acids, useful e.g. in foods and pharmaceuticals, using phospholipid:diacylglycerol acyltransferase

INVENTOR: BANAS, A; CARLSSON, A ; DAHLQVIST, A ; LENMAN, M ; STAHL, U ; STYMNE, S ; WIBERG, E

PRIORITY-DATA: 2002DE-1014410 (March 30, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20050170478 A1	August 4, 2005		000	C12P007/64
WO 2003083100 A1	October 9, 2003	G	051	C12N009/10
AU 2003223975 A1	October 13, 2003		000	C12N009/10
EP 1492872 A1	January 5, 2005	G	000	C12N009/10

INT-CL (IPC): A01 H 1/00; C12 N 9/10; C12 N 15/67; C12 P 7/64

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [R00C](#) | [Drawn Desc](#) | [Im3D](#)

□ 8. Document ID: US 20050005326 A1, WO 200134814 A1, EP 1099761 A1, AU 200114285 A, BR 200015493 A, EP 1230373 A1, CN 1399682 A, US 6791008 B1

L4: Entry 8 of 9

File: DWPI

Jan 6, 2005

DERWENT-ACC-NO: 2001-329086

DERWENT-WEEK: 200504

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TITLE: Transforming oil-producing organisms with a gene encoding an acyl-CoA:diacylglycerol acyltransferase, useful to generate agricultural crops with higher triacylglycerol content

INVENTOR: BANAS, A; DAHLQVIST, A ; LENMAN, M ; RONNE, H ; SANDAGER, L ; STAHL, U ; STYMNE, S

PRIORITY-DATA: 1999US-164859P (November 12, 1999), 1999EP-0850169 (November 12, 1999), 2000US-0709457 (November 13, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20050005326 A1	January 6, 2005		000	C12P007/64
WO 200134814 A1	May 17, 2001	E	015	C12N015/54
EP 1099761 A1	May 16, 2001	E	000	C12N015/54
AU 200114285 A	June 6, 2001		000	C12N015/54
BR 200015493 A	June 25, 2002		000	C12N015/54
EP 1230373 A1	August 14, 2002	E	000	C12N015/54
CN 1399682 A	February 26, 2003		000	C12N015/54
US 6791008 B1	September 14, 2004		000	A01H005/00

INT-CL (IPC): A01 H 1/00; A01 H 5/00; C11 B 1/00; C12 N 1/18; C12 N 9/10; C12 N 9/20; C12 N 15/52; C12 N 15/54; C12 N 15/81; C12 N 15/82; C12 P 7/64

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Image](#) | [Claims](#) | [R00C](#) | [Drawn Desc](#) | [Im3D](#)

□ 9. Document ID: AU 777031 B2, WO 200060095 A2, AU 200038147 A, NO 200104716 A, EP

DERWENT-ACC-NO: 2000-665012

DERWENT-WEEK: 200480

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Phospholipid:diacylglycerol acyltransferase enzymes in the biosynthetic pathway for triacylglycerol production and DNAs encoding them, useful for producing triacylglycerol, or for transforming any cell or organism to increase oil content

INVENTOR: BANAS, A; DAHLQVIST, A ; LENMAN, M ; RONNE, H ; STAHL, U ; STYMNE, S ; LEDMAN, M

PRIORITY-DATA: 2000US-180687P (February 7, 2000), 1999EP-0106656 (April 1, 1999), 1999EP-0111321 (June 10, 1999)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 777031 B2	September 30, 2004		000	C12N015/54
WO 200060095 A2	October 12, 2000	E	097	C12N015/54
AU 200038147 A	October 23, 2000		000	C12N015/54
NO 200104716 A	November 28, 2001		000	C12N000/00
EP 1165803 A2	January 2, 2002	E	000	C12N015/54
CZ 200103529 A3	February 13, 2002		000	C12N015/54
BR 200009510 A	April 23, 2002		000	C12N015/54
KR 2001112396 A	December 20, 2001		000	C12N009/10
SK 200101387 A3	June 4, 2002		000	C12N015/54
HU 200200480 A2	July 29, 2002		000	C12N015/54
JP 2002541783 W	December 10, 2002		090	C12N015/09
CN 1362994 A	August 7, 2002		000	C12N015/54
NZ 514227 A	December 19, 2003		000	C12N015/54
MX 2001009577 A1	July 1, 2003		000	A01N027/067

INT-CL (IPC): A01 H 5/00; A01 K 67/027; A01 N 27/00; A01 N 27/067; C12 N 0/00; C12 N 1/16; C12 N 1/19; C12 N 5/10; C12 N 9/10; C12 N 15/09; C12 N 15/54; C12 N 15/81; C12 N 15/82; C12 P 7/64; C12 P 7/64; C12 P 7/64; C12 R 1:645; C12 R 1:91

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